

Please type a plus sign (+) inside this box.

P10 SB 05/2/98
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 06161.0074.NPU500			
First Named Inventor or Application Identifier Chan-Jae LEE		Title Field Emission Display Device Having Carbon Nanotube Emitter			
Express Mail Label No.					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231			
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>Submit an original and a duplicate for fee processing.</i>		6. <input type="checkbox"/> Microfiche Computer Program (Appendix)			
2. <input checked="" type="checkbox"/> Specification [Total Pages 15] <i>preferred arrangement set forth below:</i> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure		7. Nucleotide and/or Amino Acid Sequence Sequence (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies			
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 5]		8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))			
4. Oath or Declaration [Total Pages 3] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>for continuation, divisional with Box 17 completed</i> [Note Box 5 below] c. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.53(b)		9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>			
5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		10. <input type="checkbox"/> English Translation Document (if applicable)			
		11. <input type="checkbox"/> Information Disclosure Statement (IDS) (PTO-1449) <input checked="" type="checkbox"/> Copies of IDS Citations			
		12. <input type="checkbox"/> Preliminary Amendment			
		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <i>(should be specifically itemized)</i>			
		14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired			
		15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>			
		16. <input type="checkbox"/> Other:			
*NOTE FOR CLAIMS: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 CFR 1.77). EXCEPT ONE FILED IN A PRIOR APPLICATION IS REFUTED (37 CFR 1.77).					
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. _____ Prior Application Information: Examiner: _____ Group Art Unit: _____					
18. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label 22930 or <input type="checkbox"/> Correspondence address below <i>(Insert Customer No. or Attach bar code label here)</i>					
NAME Michael J. Bell		HOWREY SIMON ARNOLD & WHITE, LLP			
ADDRESS Box No. 34		1299 Pennsylvania Avenue, N.W.			
CITY	Washington	STATE	DC	ZIP CODE	20004-2402
COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name of Inventor Michael J. Bell		Registration No. - Attorney Agent 39,604			
Signature		Date October 17, 2001			

HOWREY
SIMON
ARNOLD
& WHITE

HOWREY

ATTORNEYS AT LAW

1299 PENNSYLVANIA AVE., NW
WASHINGTON, DC 20004-2402
Phone: 202.783.0800
Fax: 202.783.6610
AUGUST 17, 2001

October 17, 2001

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional Patent Application
Application No. **TO BE ACCORDED** Filed **HEREWITH**
Title: **FIELD EMISSION DISPLAY DEVICE HAVING CARBON
NANOTUBE EMITTER**
Inventor: Chan-Jae LEE, et al.
Our Ref: 06161.0014.NPU'S00

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB 05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**FIELD EMISSION DISPLAY DEVICE HAVING CARBON
NANOTUBE EMITTER**

and naming as inventors: **Chan-Jae LEE
Jong-Hun YOU**

the application consisting of:

- a. A specification containing:
 - (i) **10** pages of description prior to the claims;
 - (ii) **4** pages of claims (**15** claims);
 - (iii) a **one** (1) page abstract; and
 - b. **5** sheet of drawings: (**Figures 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10**)
4. Executed Combined Declaration-Power Attorney;
 5. Assignment and Assignment Recordation Sheet (Form PTO 1595);

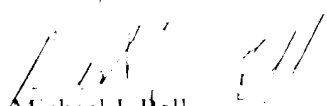
JC986 U.S. PTO
09/978271
10/17/01

6. Claim for Priority and certified copy of Korean Patent Application No. 2001-7710 filed February 16, 2001;
7. Check No. 002879 for \$740.00 to cover basic application and extra claims fees
and
Check No. 002878 for \$40.00 to cover the Assignment Recordation Fee; and
8. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06161.0014.NPUS00. *A copy of this letter is enclosed.*

Respectfully submitted,


Michael J. Bell

Registration No. 39,604

Enclosures

HOWREY SIMON ARNOLD & WHITE, LLP

Box No. 34

1299 Pennsylvania Avenue, NW

Washington, DC 20004-2402

(202) 783-0800

Attorney Docket No. 06161.0014.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS

Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Chan-Jae LEE and Jong-Hun YOO**For: **FIELD EMISSION DISPLAY DEVICE HAVING CARBON NANOTUBE EMITTER**

Enclosed is a new application comprising:

☒ A specification containing: **10** pages of description prior to the claims; **4** pages of claims (15 claims); a one (1) page abstract; **5** sheets of drawings (**Figures 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10**)

☒ PTO SB 05

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OP	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEF		RATE	FEF
BASIC FEE				\$ 345.00	OP		\$740.00
TOTAL CLAIMS	15-20	0	x 9 =		OP	x 18	-0-
INDEP. CLAIMS	3-3	0	x 39 =		OP	x 84 =	-0-
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 130 =		OP	+ 260 =	
			TOTAL		OP	TOTAL	\$740.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

☒ A check in the amount of **\$740.00** to cover the filing fee is enclosed.

☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06161.0014.NPUS00. *A duplicate copy of this sheet is enclosed.*

☒ Any patent application processing fees under 37 CFR 1.17

☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims

Date October 17, 2001

Michael J. Bell
Registration No. 39,604